UNITED STATES ESAU SPRING QUADRANGLE OPEN FILE REPORT 79-454 PLATE IS OF I9 DEPARTMENT OF THE INTERIOR WYOMING CONVERSE CO. GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 105 07/30" (FIDDLEBACK RANCH) 5' R 69 W R 68 W EXPLANATION STRUCTURE CONTOURS-Drawn on top of coal bed. Contour interval 50 feet. Datum is mean sea level. DRILL HOLE-Showing elevation at top of coal bed, in feet. To convert feet to meters multiply feet by 0.3048. • 4193 1 39 N • 17'30" MAP SHOWING LOCATION OF THE ESAU SPRING QUADRANGLE AND THE POWDER RIVER BASIN KNOWN RECOVERABLE COAL RESOURCE AREA (STIPPLED), WYOMING (BILL 4 NE) 4970 II NE SCALE 1.24000 5' R 69 W R 68 W Base from U.S. Geological Survey, 1971 Compiled in 1979 This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. 14° 249 MILS WYOMING . UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION COAL RESOURCE OCCURRENCE MAP OF THE ESAU SPRING QUADRANGLE, CONVERSE COUNTY, WYOMING

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PLATE 15 STRUCTURE CONTOUR MAP OF LOWER WILDCAT COAL BED